

## SUBSTITUTE SPECIFICATION

Enter sub spec.

RB

A/18/05

Attorney Docket No. 60303.45

MAGNETIC FIELD ANALYZING METHOD AND DEVICE THEREFOR

BACKGROUND OF THE INVENTION

5 1. Field of the Invention

The present invention relates to a method and apparatus  
for making a magnetic field analysis on a magnetic circuit  
including a permanent magnet of which the properties are  
subject to change due to demagnetization. The present  
10 invention also relates to a method for producing a permanent  
magnet by using such a method and apparatus for magnetic field  
analysis.

2. Description of the Related Art

15 Recently, to design a magnetic circuit more efficiently  
and to further reduce its size, magnetic field analysis has  
sometimes been carried out using a computer simulation  
technique. Such magnetic field analysis may be performed by a